Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. **First & Part Bill** Date.....

Division: **BBMP, Dasarahalli** Sub-Division: **Shettyhalli Sub Division**

Bill Received No. Dated Divisional Sub Divisional D.R.No. : Cash Book Voucher No..... Dated..... Schedule Docket No. Head of Account:

Est.Cost: 100.00 Lakhs

Name of Work (as per sanctioned estimate) :	**Construction of CC roads and other works at Shettyhalli Colony balance roads in Ward No.12, Shettyhalli Sub Division.**
Name of Contractor and Full Address :	**M/S Technical Manager (West), KRIDL No.280, 59th cross, 17th C main road, 3rd Y Block, Rajajinagara, Bengaluru 560010**
Reference to Agreement No	**EE / DD / WO / 304 / 2019-20 dated : 19.11.2019**

Certified that the measurements were taken by me on 8/3/24 and recorded in Pages 48670f to 48670g of measurement Book No. 4868 | 19 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 056

Certified that the measurement were taken by me on 8.3.24 ...and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment **Work Code: 012-20-000013 (P-code: P3727)** **Sub-Division Officer**

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಯಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಶೆಟ್ಟಿಹಳ್ಳಿ

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... Amount adjusted towards cash advance recovery of
   b. Payments cost store or other material supplied. Now made recovery of amount creditable to this/other work
5) Balance being unpaid value of work done held in reserve. Amount paid on this bill Cheque / Cash. 162807
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

1st and part Bill → 9222695=00

adjustments items:
IT → 184454=00
Lwe → 92227=00
CSF → 9223=00
Roy → 149330=00
CGST → 82345=00
SGST → 82345=00
ASD → 461135=00
Fine → 10000=00

Total amount adjusted - 1071119=00

Net Amount → 8151576=00

Contractor's Signature

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 056

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

1301 - 9222695-
Witness Dep - 1084536-
Net - 8138159

Dated Signature of Contractor

EXECUTIVE ENGINEER-4 KRIDL, BBMP DIVISION BENGALURU-560 056

Paid by me by Cheque No..... Dated.....
Cash Rs.....
Dated.....
Initials of Officer making payment

(For use in the Office)

Audited and admitted for Rs. 8151576=00

Passed by Cheque for Rs. 8138159

Stamp

Eight One Lakh, Fifty One thousand Five Hundred Seventy Six Rupees only

1071119=00

1084536

Executive Engineer

Executive Engineer
B.B.M.P. Dasarahalli Division

Sl. No.	Description of Item
1	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202 etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
2	KSRRB M300-.1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH I Chapter 3 etc., lead and lift, transportation etc., etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
3	KSRB 4-1.7 Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC@ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation including cost of all materials, labour, HOM curing etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
4	Removing and resetting of footpath slab complete as per specifications and as per the direction of Engineer-in-charge of the Site
5	KSRB 15.2.2 Providing ruled pointing 20mm deep to stone slab pavements with cement mortor 1:3 20mm deep after racking the joints nicely lining including cost of materials labours curing etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
6	Providing and Fixing pre-cast reinforced cement concrete covering slabs of 10cm thick made out of M25 with OPC cement @ 340kgs per cum, 20mm and down size graded granite metal course aggregates @0.70cum and fine aggregates @0.74cum with super plasticizers, machine mixed, including providing and removing centering, shuttering, strutting, propping etc., for edges of slab with TMT (Fe 500) cost & reinforcement charges, including finishing as required with cost of reinforcement etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
7	KSRRB M200-24.Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site

Unit	Previous Measurements		Present Measurements			Total up to date	
	Qty	Amount	Qty	Rate	Amount	Qty	Amount
Cum			251.10	413.40	103804.74	251.10	103804.74
Cum			378.16	137.80	52110.45	378.16	52110.45
Cum			23.25	5714.97	132873.05	23.25	132873.05
Sqm			871.20	208.82	181923.98	871.20	181923.98
Sqm			871.20	49.06	42741.07	871.20	42741.07
Sqm			536.40	1615.00	866286.00	536.40	866286.00
Cum			373.35	952.94	355780.15	373.35	355780.15

8	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by road roller attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM of machineries complete as per specifications. MORTH / Chapter 3 complete as per specifications and as per the direction of Engineer-in-charge of the Site.
9	Scarifying kankar / gravel / metal crust by mechanical means upto 150mm thick, disposal of stuff including cost of all labour charges, HOMetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.with complete as per specifications. MORTH Chapter 8
10	KSRRB 300-58Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labours HOM of mechinery complete as per specifications and as per the direction of Engineer-in-charge of the Site
11	KSRRB M400-17 Providing, laying, spreading and compacting cushed stone aggregates of granite I trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired densityetc., complete as per specifications and as per the direction of Engineer-in-charge of the work.MORTH Specification No.406complete as per specifications and as per the direction of Engineer-in-charge of the Site
12	CONCRETE PAVEMENT KSRRB M600- Cement Concrete Pavements Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates 0.58cum over a prepared sub- base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.

Sqm			676.35	41.34	27960.31	676.35	27960.31
Sqm			2703.89	25.44	68786.96	2703.89	68786.96
Sqm			2703.89	6.36	17196.74	2703.89	17196.74
Cum			316.54	2001.28	633485.17	316.54	633485.17
Cum			316.54	3944.51	1248595.20	316.54	1248595.20

13	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete 30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 Its nforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials,labour,hire charges of machineries all lead & lift charges etc. complete as per specifications do with OPC at 360
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.
15	KSRRB M800.1 Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour etc., complete as per specifications MORTH Chapter8 and all lead and lift Complete as per the direction of Engineer-in-charge of the Site
16	KSRRB M300.19 Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 etc., complete as per specifications MORTH Specification No301 and all lead and lift Completeand as per the direction of Engineer-in-charge of the Site
17	KSRRB M100.1 Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum. Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.t including cost of all materials, labour, HOM etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
18	KSRRB M100.4.1 Cost of haulage Excluding Loading and Unloading etc., complete as per specifications and as per the direction of Engineer-in-charge of the work. including cost of all materials, labour, HOM etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site

Cum			506.46	5354.02	2711596.97	506.46	2711596.97
No's			2448.89	435.84	1067324.22	2448.89	1067324.22
Sqm			175.00	84.80	14840.00	175.00	14840.00
Cum			378.16	34.98	13228.04	378.16	13228.04
Cum			725.90	57.00	41376.30	725.90	41376.30
Cum			1104.06	56.32	62180.66	1104.06	62180.66

19	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m etc., complete as per specifications and as per the direction of Engineer-in-charge of the Site
20	40mmJelly
21	20mmJelly
22	Course Sand
23	Fine Sand
24	12.5mm Chips
25	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc., complete(Contractor will make his own arrengement for procuring water for testing) etc, for HDPE Grade PE80-PN6.0 630mm dia(**Perforated pipe for rainwater Harvesting Pit)** All lead and lift as per specifications and as per the direction of Engineer-in-charge of the Site.
26	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings etc., complete as per specifications and as per the direction of Engineer-in-charge of the work.

Certificate

1 Certified that the contractor has work done satisfactorily.
2 The contractor has removed the debries from work site.
3 There is no any dept. materials issued to contractor

Cum			1.87	1901.00	3554.87	1.87	3554.87
Cum			1.87	1901.00	3554.87	1.87	3554.87
Cum			1.40	2651.00	3711.40	1.40	3711.40
Cum			0.94	2651.00	2491.94	0.94	2491.94
Cum			1.40	1901.00	2661.40	1.40	2661.40
Rmtr			27.00	10822.32	292202.64	27.00	292202.64
Sqm			4.68	71.03	332.42	4.68	332.42
				Total Rs	**7950599.55**		**7950599.55**
				GST 12%	**954071.95**		**954071.95**
				KRIDL Charges 4%	**318023.98**		**318023.98**
				Grand Total	**9222695.47**		**9222695.47**

Assistant Engineer
Ward No 12, Shettyhalli

Assistant Executive Engineer
Shettyhalli Sub Division
BBMP, Bangalore